

Historic, Archive Document

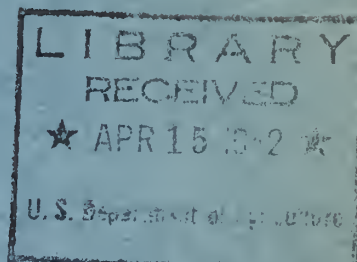
Do not assume content reflects current scientific knowledge, policies, or practices.



16
IT±

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
WASHINGTON, D. C.

**PRECIPITATION IN THE
MUSKINGUM RIVER BASIN
AUGUST, 1941**



By

Climatic and Physiographic Division
Soil Conservation Service

Office of Research
February 1942

Agencies Coöperating With the
Climatic & Physiographic Division
SOIL CONSERVATION SERVICE

at the
MUSKINGUM CLIMATIC RESEARCH CENTER
New Philadelphia, Ohio

U. S. WEATHER BUREAU

U. S. CORPS OF ENGINEERS

WORK PROJECTS ADMINISTRATION in OHIO
O.P. 165-2-42-180

NATIONAL YOUTH ADMINISTRATION for OHIO

OHIO AGRICULTURAL EXPERIMENT STATION

OHIO DEPARTMENT of HIGHWAYS

MUSKINGUM WATERSHED CONSERVANCY DISTRICT

TUSCARAWAS COUNTY

Tabulation of
PRECIPITATION on the **MUSKINGUM RIVER WATERSHED, OHIO**
by **DAYS** and **HOURS**

Stations for which records are tabulated are listed on pages 2 and 3 and their locations are shown on the map, page 4. Tabulations are made only for days having measurable precipitation and only for those stations at which precipitation was recorded. Blank columns are provided on the hourly tabulation sheets for insertion of six-hour and twelve-hour values.

LEGEND

STATIONS

IO-21	Station number. Figure before the hyphen indicates county in which station is located and on the map appears once in large characters in each county. Figure after the hyphen indicates location of station within the county and appears on the map adjacent to the dot designating the station site.
IO-21b	Small letter following station number indicates that number was formerly used for another nearby station location.
MC-2	Capital letters preceding station number indicate station is in a special study area. MC, for example, designates Mill Creek area.

PRECIPITATION

.03	Precipitation of three-hundredths of an inch. Values are recorded to nearest hundredth of an inch.
✱	Station installed. Symbol appears on daily tabulation sheet in the column for day of installation.
✱	Station discontinued. Symbol appears on daily tabulation sheet in the column for day of discontinuance.
* — — *	Time of precipitation unknown. Asterisk (✱) appears in spaces for first and last hours of period of unknown distribution; dashes (—) appear in spaces for intervening hours. Whenever period of unknown distribution extends for two or more successive days, an asterisk (✱) preceding figure indicates amount shown is total accumulated during the period.
NR	No record available. Symbol appears on daily tabulation sheet in the column for day where record is missing. No symbol is used unless surrounding stations indicate occurrence of precipitation.

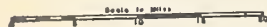
TUSCARAWAS CO., NO.14 (Cont'd)		LICKING CO., NO.17 (Cont'd)		GUERNSEY CO., NO.19 (Cont'd)		MONROE CO., NO.25 (Cont'd)	
14-62c	John M. Ramig R F. D. 1 Uhrichsville	17-38	I. R. Hill Johnstown	19-21	A. W. Marling R F. D. 1 Kimballton	25-6	James O. Zwick R F. D. 1 Lewisville
14-63b	John Wright R F. D. 1 Uhrichsville	17-43b	Charles Snyder Vanetta	19-24c	Ira George Antrim	25-11	Joseph M. Denbow Lewisville
14-64	J. F. Simmerman Peoli	17-45	Frank Davis R F. D. 1 Newark	19-36b	James Gracey Fairview	25-14	Harry R. McConnell Stafford
14-66	George Taylor Newcomerstown	17-52b	Ervin W. Huffman Alexandria	19-39b	Gail Abbott Cambridge	SENECA FORK AREA	
14-69	Harry M. Mellor R F. D. 2 Uhrichsville	17-55	Harold C. Johnson Newark	19-42d	Joseph J. Baker Old Washington	S-2	E. B. Randies Senecoville
14-74	Thomas Orr Gilmare	17-56	Harold F. Wilson Newark	19-44b	W. M. VanFossen R F. D. 2 Quaker City	S-6	W. B. Spence Summerfield
14-77b	E. W. Schupp R F. D. 1 Newcomerstown	17-62	Frank Whitehead R F. D. 1 Potaskala	19-47	T. H. Bogenf Cambridge	S-13	James H. Low R F. D. 1 Quaker City
14-78c	Danald A. Carruthers R F. D. 1 Newcomerstown	17-64	Claude Elder Alexandria	19-48	L. W. Harding Cambridge	ATHENS CO., NO.26	
14-83b	Stewart Hallis Newcomerstown	17-66b	Joe S. Rades Granville	19-63	Forest Hayes Quaker City	26-3	Elto Linscott Amesville
14-85	George Taylor Newcomerstown	17-67	L. B. Hallan Newark	19-67	J. C. Stamm R F. D. 2 Cambridge	WASHINGTON CO., NO.27	
14-86c	John F. Simmerman Peoli	17-82	Harry F. Parr R F. D. Newark	19-70	I. A. LaFever Senecoville	27-3	L. L. Robinson Waterford
14-88	Paul J. Jacoby R F. D. 2 Tippecanoe	17-85b	Paul B. Foster Summit Station	19-74	H. A. Koontz Cumberland	27-5	A. P. Stutes Beverly
CARROLL CO., NO.15		17-86b	Murry N. Johnson Potaskala	19-75	Frank Deeren R F. D. 1 Byesville	27-7	Albra A. King Lowell
15-4	Harry K. George Minerva	17-92	W. L. Baia Hebron	BELMONT CO., NO.20		27-9	Charles Reiter Lower Salem
15-5c	K. O. Manfull R F. D. 1 Mechanicstown	17-95	R. M. Hamilton R F. D. 1 Glenford	20-6	Durwood Bethel Flushing	27-17b	H. D. Knos Stockport
15-7	Karl Wanner Magnolia	MUSKINGUM CO., NO.18		20-10b	Lester R. Newhart Hendrysburg	27-18b	Emmett S. Fisher Waterdown
15-10	Willden Armstrong R F. D. 1 Kibbetts	18-4	Stanley Mahon Trinway	20-17	W. M. Price Barnesville	27-20b	Howard Jurden R F. D. 2 Marietta
15-18	L. L. Hasack Mechanicstown	18-15	G. E. Redman Dresden	PERRY CO., NO.22		27-21	Don C. Savage Marietta
15-23c	Elmer John Strong R F. D. 1 Delray	18-27	John Cornell Adamsville	22-3c	M. H. Hamilton Glenford	27-22	Watt Ullman Marietta
15-24c	K. W. McLaughlin Corralton	18-28	E. H. Gasser R F. D. 1 Sonora	22-7	Ira F. Cooperrider Thornville	27-25b	Harry T. Mills Bortland
15-25	Lonnie Mayer Corralton	18-32b	C. D. Richardson R F. D. 1 Nashport	22-9	C. F. Gatterman Glenford	27-31	O. B. Rankin Marietta
15-26	Violar E. Tack R F. D. 2 Corralton	18-36	Tom O. Bradley R F. D. 5 Zanesville	22-17	Albert J. Hammer R F. D. 2 New Lexington	27-36	Ray Bond Borlow
15-30	Thomas J. Lang R F. D. 3 Corralton	18-50	C. F. Moses New Concord	22-18	Monson H. Wilson Roseville	27-40	James Deval Cutler
15-33	R. H. Smith Kilgare	18-54b	W. T. Dunmead Zanesville	22-24	C. E. Denman Crooksville		
15-35	Olea Corrali Sherradville	18-55	Clarence J. Weidig Zanesville	22-29	Samuel P. Storer R F. D. 3 New Lexington		
15-39	Charles K. Nable R F. D. 1 Amsterdam	18-56	Gerald F. Reed R F. D. 4 Zanesville	MORGAN CO., NO.23			
15-42	Paul T. Leggett Leesville	18-58c	C. L. Wilson R F. D. 4 Zanesville	23-1	Albert Davis Deovertown		
15-45	Henry Stiles R F. D. 2 Scio	18-60	D. L. Busch R F. D. 1 Norwich	23-4	H. C. Wilson R F. D. 1 McConnellsville		
HARRISON CO., NO.16		18-64	Graver Cleveland High School Zanesville	23-6	John W. Lawrence R F. D. 1 Blue Rock		
16-5	George McCombs Scio	18-65	Claude C. Neff Zanesville	23-14	Curtis Clark Beverly		
16-8	Gilbert F. Heubner R F. D. 1 Uhrichsville	18-70b	Sam Gregory R F. D. 3 New Concord	23-17b	E. C. Barrett R F. D. 1 Malto		
16-9	Frank M. Naylor R F. D. 1 Uhrichsville	18-71	Dennis Thompson R F. D. 1 East Fultonham	23-18	J. D. Wilson Malto		
16-16	F. A. McElroy Deersville	18-72b	George W. Kraft White Gatlage	23-19	Clifford S. Hupp McConnellsville		
16-18	Arthur S. Beck R F. D. 4 Codiz	18-73b	Hazel E. Dadd R F. D. 2 South Zanesville	23-22	Curtis Clark Beverly		
16-20	Dean B. Baker R F. D. 2 Jewett	18-75	Howard Pettibane Phila	23-25b	Paul B. Grimes R F. D. 2 Malto		
16-22	Fred Deerman Tippecanoe	18-76	Mrs Maggie E. Eschman Phila	23-27	Edgar Michener Chester Hill		
16-28	W. M. Cessno Codiz	18-77	J. H. Gatter Phila	23-36	Reed Braackaver Stackport		
16-31	Glenn Eugene Block Freepart	18-86b	Arthur Winland R F. D. 1 Duncon Falls	23-41	Edgar Michener Chester Hill		
16-32	Melvin E. Talbott R F. D. 2 Freepart	18-92b	Eltan Dickson Blue Rock	NOBLE CO., NO.24			
16-40	R. A. Yarnell Piedmont	GUERNSEY CO., NO.19		24-2	L. C. English R F. D. 2 Duaker City		
16-43b	Leroy Work New Athens	19-4	Elgy P. Dagen R F. D. 2 Kimballton	24-13	Guy Oliver R F. D. 1 Sorahsville		
LICKING CO., NO.17		19-6	Ray F. George R F. D. 2 Port Washington	24-18b	Garlos Musser Goldwell		
17-5	Fred Wagner R F. D. 2 Utica	19-8	J. A. Addy Birds Run	24-23	L. E. Hedge R F. D. 5 Coldwell		
17-6b	Frank B. Williams Utica	19-9b	Harry Bartholow Kimballton	24-24	Ira Baker R F. D. 5 Coldwell		
17-16	John Mize R F. D. 2 Johnstown	19-13	R. W. Gray R F. D. 1 Winterset	24-25	H. J. Harris Coldwell		
17-17	Harry Keckley Utica	19-15b	J. W. Patterson R F. D. 4 Freepart	24-27	Elmer Oliver Summerfield		
17-22	Everett Priest R F. D. 1 St. Louisville	19-18	John Duhamel R F. D. 1 Birds Run	MONROE CO., NO.25			
17-33	W. M. Shickle R F. D. St. Louisville	19-19	Emmett White R F. D. 1 Kimballton	25-4	V. R. Adair Woodfield	14-00b	Fair Grounds Dover
						STATIONS INSTALLED DURING AUGUST 1941	

Station List

MEDINA CO., NO. 1	ASHLAND CO., NO. 6 (Cont'd)	STARK CO., NO. 8 (Cont'd)	HOLMES CO., NO. 12 (Cont'd)
1-11c G. R. Towler R. F. D. 2 Medina	6-24 Herbert L. Smith Ashland	8-34 Hamer R. Snyder Massillon	12-54 Paul Alexander Glenmont
1-19 June Duff R. F. D. 1 Medina	6-25b W. D. Cummings Ashland	8-36 Thomas Young Massillon	12-57 A. L. Alderman Killbuck
1-22 Lloyd Clinesmith R. F. D. 5 Medina	6-26b W. E. Halzer Ashland	8-40 S. J. DeWalt R. F. D. 1 East Canton	12-61 William Koser R. F. D. 4 Millersburg
1-24b Mrs. Katherine Ritter R. F. D. 1 Chippewa Lake	6-32 H. E. Goard R. F. D. 2 Ashland	8-44 C. R. Raby Massillon	12-70 Albert Wagers R. F. D. 3 Millersburg
1-28 Coral Everhard R. F. D. 2 Wadsworth	6-35 Howard G. Seiss R. F. D. 1 Ashland	8-45 R. F. Snyder Massillon	COSHOCTON CO., NO. 13
1-30 Roy Stroup Spencer	6-36 Lewis D. Beck R. F. D. 1 Loudenville	8-47b G. E. Seavers Canton	13-19 Ross M. Ames R. F. D. 4 Fresno
1-42 Arthur E. Unangst Lodi	6-38c Walter D. Bowie Jeramesville	8-51 Catherine Hager Minerva	13-22 Effie R. Frye R. F. D. 2 Walhonding
1-43 Harvey L. Allen R. F. D. 2 Saviile	6-40 Ellsworth Secrest R. F. D. Lucas	8-55b Warren Hollinger Navarre	13-23 William R. McClain R. F. D. 2 Walhonding
1-48 Howard Rondall Wadsworth	6-44 Arthur McKinley R. F. D. 2 Lakeville	8-58b Charles C. Haman Canton	13-32 Howard Hathorn R. F. D. 1 Newcamertown
SUMMIT CO., NO. 2	6-49 Mrs. Mary Easterday Perryville	8-61b Dwight Kirk Wilmont	13-40 B. D. Stangel R. F. D. 5 Coshacton
2-8b E. M. Waters Akron	6-53 L. A. McBride R. F. D. Perryville	8-68 Bessie Williams Waynesburg	13-50 F. E. Redman Newcamertown
2-10 Robert W. Stump R. F. D. 1 Barberton	6-56c George A. Bunting Loudenville	COLUMBIANA CO., NO. 9	13-51 G. J. Williams Coshacton
2-13 E. J. Fitzpatrick Cuyahoga Falls	MUDDY FORK AREA	9-11 William D. King Hanoverton	13-52b Andrew Bachman R. F. D. 3 Coshacton
2-16 Theodore Lay R. F. D. 5 Akron	W-1 I. D. Swanson R. F. D. 5 Wooster	9-13c William D. King Hanoverton	13-54b Ronald Phillips R. F. D. 1 West Lafayette
2-18c George H. Steffee Ellet	W-8 Fay Campbell R. F. D. 2 Jeramesville	9-15 Joseph Balen Kensington	13-58b F. H. Dixon Tunnel Hill
2-23b E. J. Fitzpatrick Cuyahoga Falls	W-9 W. L. Purdy R. F. D. 5 Wooster	9-17 L. H. Capeland Hanoverton	13-59 Norman E. Camp Tunnel Hill
2-24 Lea Clauss Barberton	W-12b John Arnold R. F. D. 5 Wooster	MORROW CO., NO. 10	13-61 Fred Veigel R. F. D. 1 Coshacton
2-26b Charles Pettit Barberton	W-13 Fay Campbell R. F. D. 2 Jeramesville	10-21 John W. Bowen Chesterville	13-63c D. W. West Coshacton
2-29b Charles Herman Clinton	WAYNE CO., NO. 7	GRANNY & DRY CREEKS AREA	13-69 Frank Pignon R. F. D. Tunnel Hill
2-32b John King R. F. D. 6 North Canton	7-2c G. D. Berkebile West Salem	MV-6b G. F. Baldwin R. F. D. 2 Mt. Vernon	13-70 Lawrence R. Anderson Frozeysburg
PORTAGE CO., NO. 3	7-3b Milton E. Miller R. F. D. 2 West Salem	MV-7b Charles H. Cassel R. F. D. 2 Mt. Vernon	13-75 J. H. Randles Coshacton
3-3b Glenn H. Minnich Magadore	7-5b Warren C. Knepp Creston	MV-8b Harold E. DeBalt R. F. D. 2 Frederickstown	13-86 Albert T. Kieran R. F. D. 2 Coshacton
RICHLAND CO., NO. 5	7-9b James Bachman Doylestown	MV-9e John A. Butler Sparta	MILL CREEK AREA
5-2 Fred E. Post Plymouth	7-21 Glenn B. Harman R. F. D. 6 Wooster	KNOX CO., NO. 11	MC-2 Sam Brenly R. F. D. 1 Baltic
5-3 Ira E. Backensto Shiloh	7-23 Carl D. McClintock R. F. D. 2 Wooster	11-7b Harry B. Pealer R. F. D. 2 Danville	MC-3 Arthur Michel R. F. D. 2 Millersburg
5-11c Howard Dswalt R. F. D. 2 Shiloh	7-24c Paul J. Hartzler Weilerville	11-14 L. W. Page R. F. D. Butler	MC-4 Dan F. Hall R. F. D. 3 Fresno
5-14c Clyde Cooper Shelby	7-33 William Critchfield Wooster	11-19b Albert C. McClurg Greer	MC-5 G. A. Walling R. F. D. 3 Fresno
5-20 G. K. Sims Shelby	7-39 Elmer Cook Wooster	11-21b D. W. Goodell Frederickstown	MC-6 Dale Parkhill R. F. D. 2 Fresno
5-24b W. N. Groll R. F. D. 2 Mansfield	7-40c Walter H. Melzler Wooster	11-27 Merrill Hochstetler R. F. D. 2 Danville	MC-7b Elmer Miley R. F. D. 3 Millersburg
5-27b Paul Gages R. F. D. 3 Mansfield	7-41 J. T. McClure Wooster	11-33 Harold Davis R. F. D. 2 Mt. Vernon	MC-10b Hervet Wheatcraft R. F. D. 3 Coshacton
5-28 Mrs. Fred Wagner R. F. D. 3 Mansfield	7-42 James DiLuca Wooster	11-46b Herbert Bailey R. F. D. 1 Howard	MC-13 R. E. McConnell R. F. D. 2 Fresno
5-29 J. R. Harrington Mansfield	7-44 Menna Gerber R. F. D. 2 Drville	11-49 Wilmont Cline R. F. D. 2 Danville	MC-14 Stanley Sheneman R. F. D. 2 Fresno
5-34 J. W. McMillin Mansfield	7-46 Mrs. Clair Helffingner R. F. D. 1 Wooster	11-50 A. G. Gramer Mt. Liberty	TUSCARAWAS CO., NO. 14
5-35b George J. Kreischer Mansfield	7-51b Donald R. Wilson Applecreek	11-52 A. G. Gramer Mt. Vernon	14-DD M. C. R. C. Office New Philadelphia
5-41 Ross Finney R. F. D. 5 Mansfield	7-53c Paul Dadez Dolton	11-53 D. D. Edgar Mt. Vernon	14-2 R. J. Wolfe Beach City
5-42 N. E. Smith R. F. D. 5 Mansfield	7-57b Culver E. Sidle R. F. D. 2 Shreve	11-55b William Hullman Gambier	14-5 George W. Warner Baliavor
5-43b Harvey Stewart Lucas	7-61 Wayne Welty R. F. D. 2 Applecreek	11-65 Myrtle M. Lahman R. F. D. 4 Mt. Vernon	14-6 E. E. Lenhart Sandyville
5-44 Ohio Public Service R. F. D. 1 Lucas	7-63 Lee Chenevery R. F. D. 2 Beach City	11-73b E. F. Hoover Centerburg	14-18b William Gale New Philadelphia
5-451 G. W. Sowers Lexington	7-64 A. A. Bruce Big Prairie	11-74 L. R. Marey R. F. D. 2 Centerburg	14-22 Frank Hamilton R. F. D. 1 Mineral City
5-47 Walter Long R. F. D. 5 Mansfield	7-65 D. H. Martin Shreve	11-76b Elmo J. Hunter R. F. D. 4 Mt. Vernon	14-23 Henry H. Renner Shanesville
5-50b Oscar Parsons R. F. D. 2 Bellville	7-69b Jean Ober Fredericksburg	11-86b Clyde Burger Marlinsburg	14-25 Fred Smith R. F. D. 1 Dover
5-51 Irvin Hope Bellville	STARK CO., NO. 6	HOLMES CO., NO. 12	14-27 Harry V. Hover R. F. D. 2 Dover
5-58b Earle E. Heininger Butler	8-12 Donald Helffingner Alliance	12-18 Jacob S. Miller R. F. D. 2 Fredericksburg	14-28b Eugene Reiser New Philadelphia
5-59 Wayne B. Hallor R. F. D. 2 Butler	8-13b T. W. Jones Canal Fulton	12-26 C. S. Miller R. F. D. 5 Millersburg	14-30b D. A. Kior Shanesville
ASHLAND CO., NO. 6	8-16 Fred H. Smith North Canton	12-29 Howard E. Shoup Winesburg	14-34b Bert Francis New Philadelphia
6-7 Robert Landis R. F. D. 1 Novo	8-25 Joseph H. Brand R. F. D. 1 Canal Fulton	12-40 W. A. Engle Millersburg	14-42c J. S. French New Philadelphia
6-8 Charles Newcamer R. F. D. 1 Novo	8-27b J. B. Young Canton	12-47 Oscar Miller Millersburg	14-46b Edgar G. Shumacher Baltic
6-20 Ed Roland Nankin	8-28 Harry Renkert R. F. D. 3 Canton	12-51 Don Hershberger Walnut Creek	14-58b J. F. Simmerman Peoli

Page 4

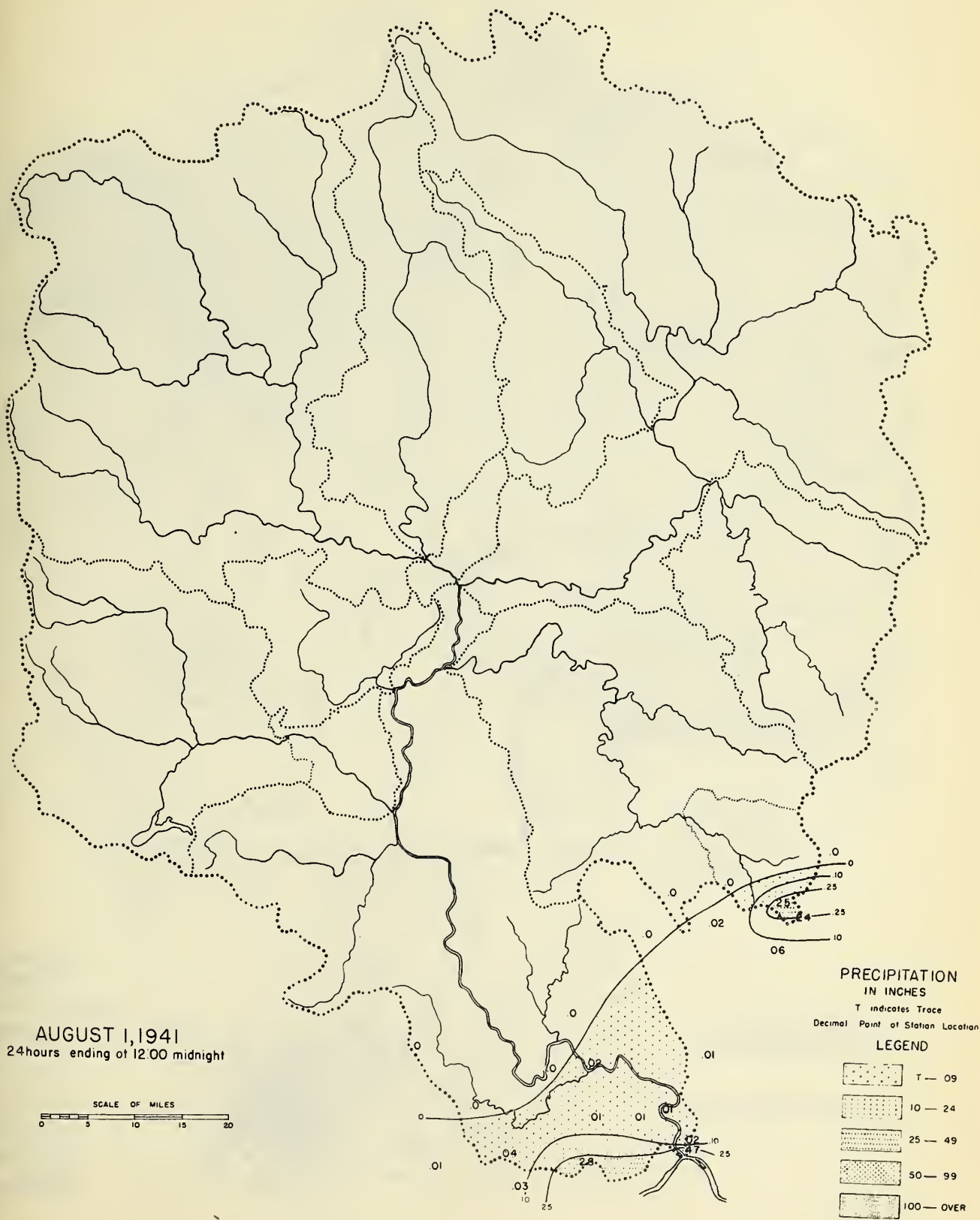
STATION LOCATIONS
AUGUST 1941



MUSKINGUM RIVER WATERSHED, OHIO

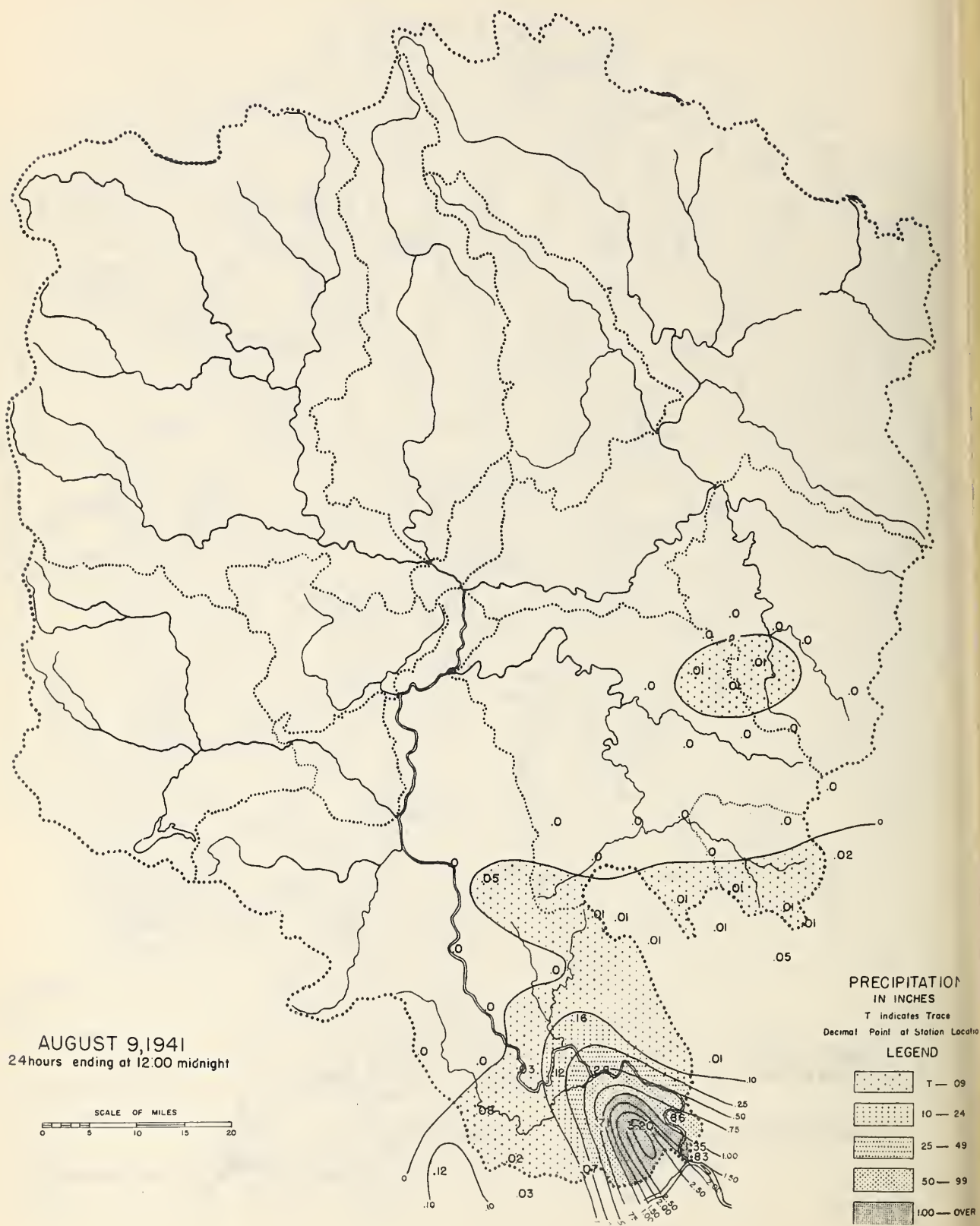
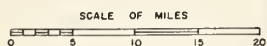
MUSKINGUM CLIMATIC RESEARCH CENTER

Page 5



Page 6

AUGUST 9, 1941
24 hours ending at 12:00 midnight



MUSKINGUM RIVER WATERSHED, OHIO

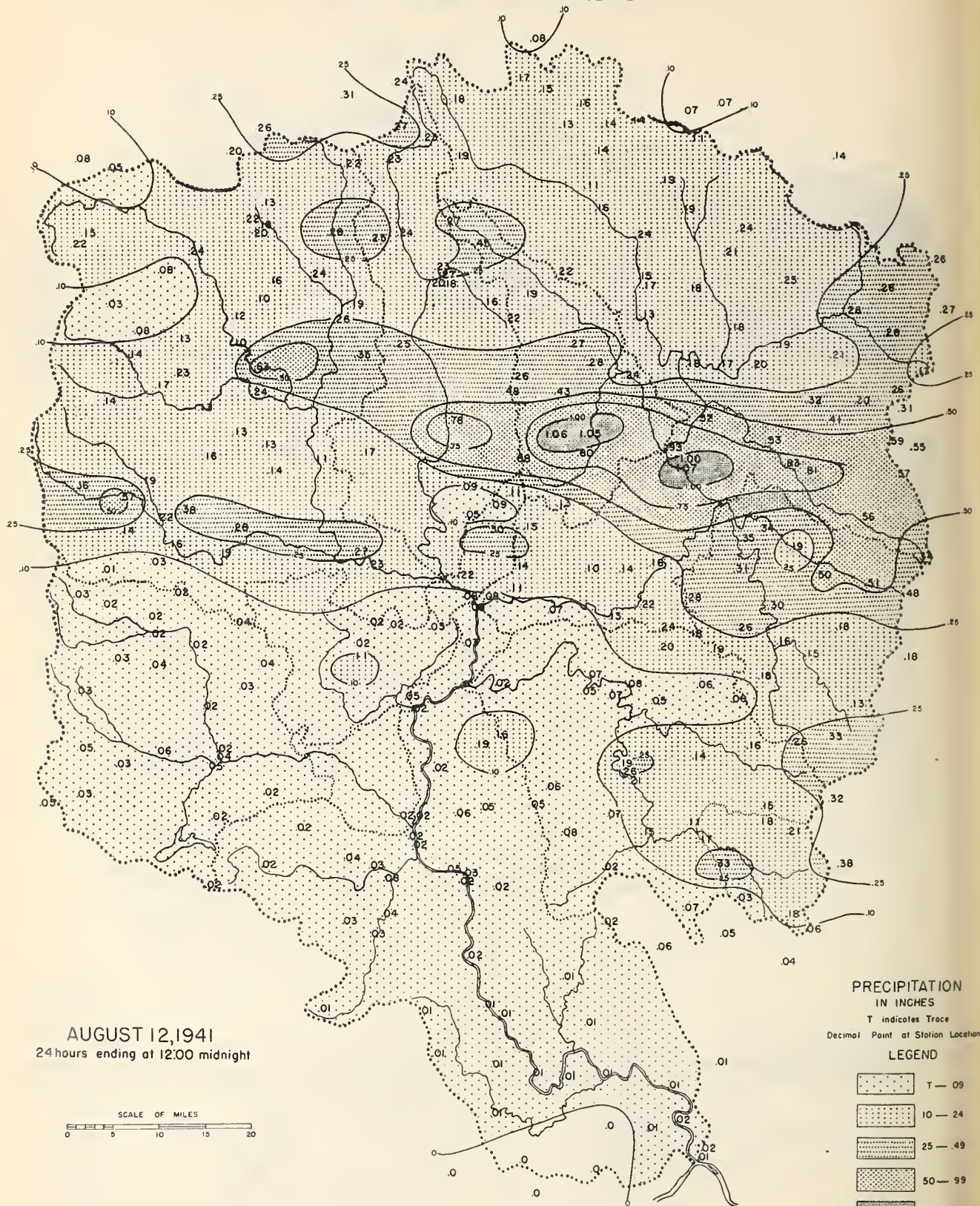
MUSKINGUM CLIMATIC RESEARCH CENTER

Page 7

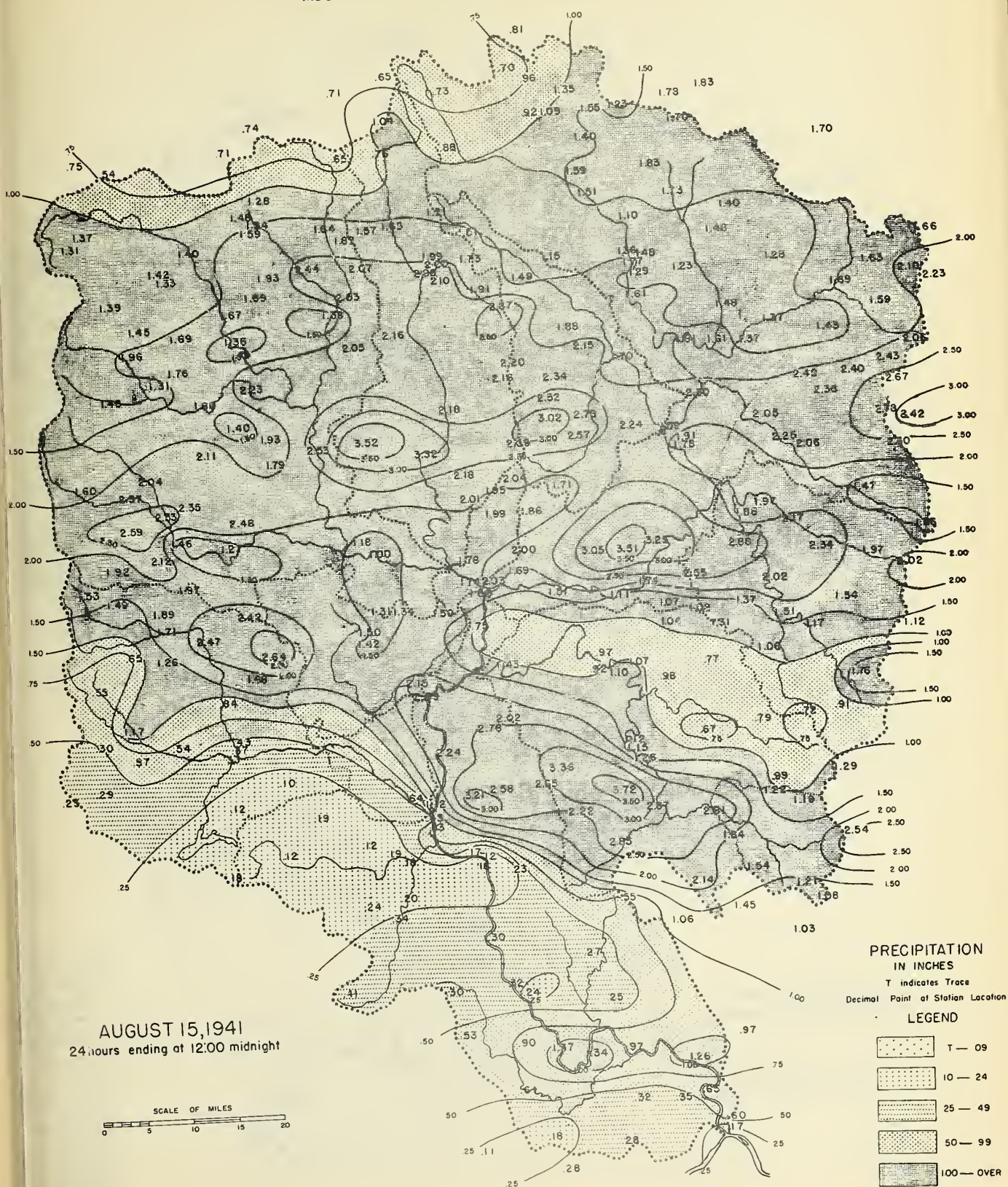


MUSKINGUM RIVER WATERSHED, OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER



Page 9



MUSKINGUM RIVER WATERSHED, OHIO

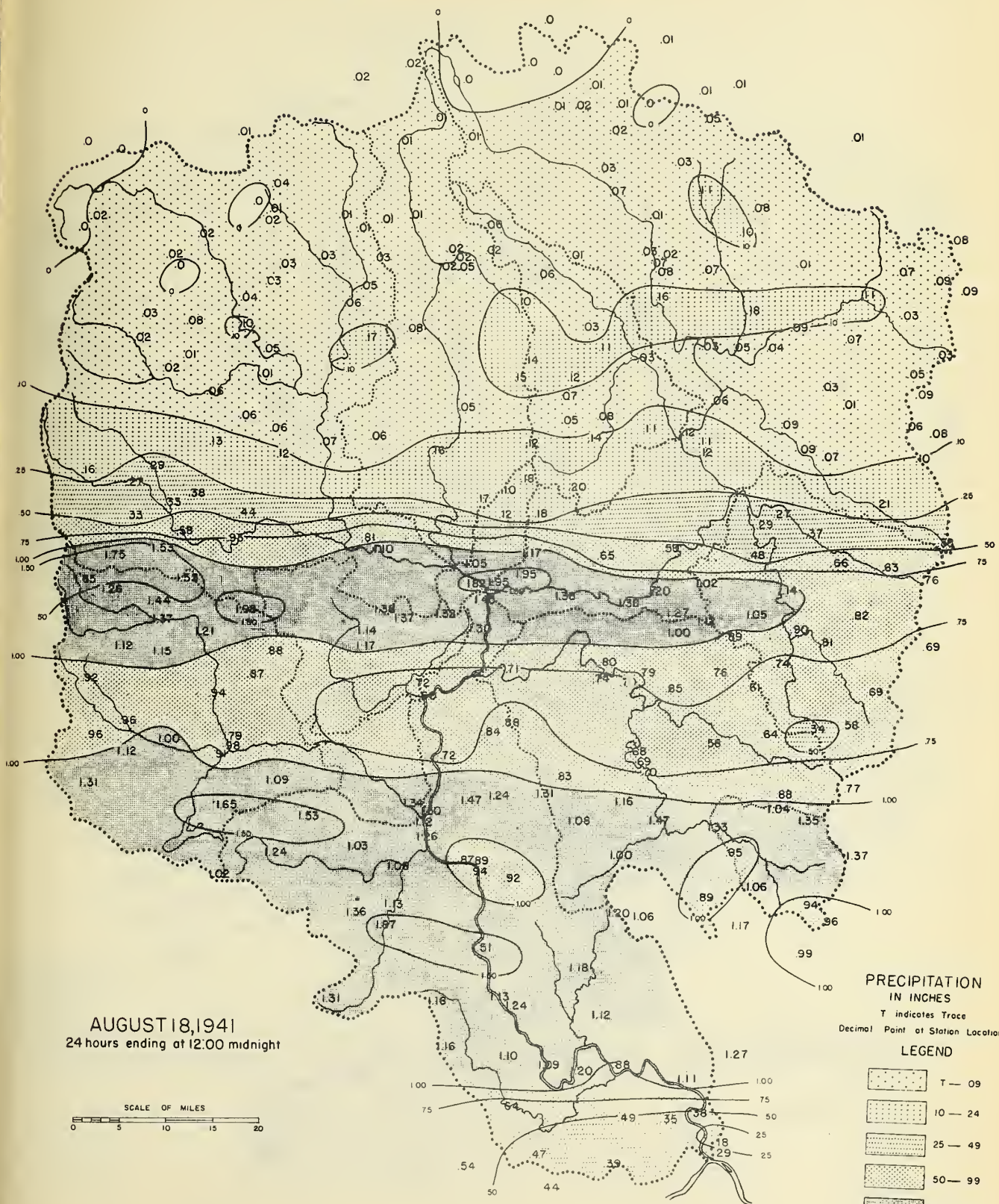
MUSKINGUM CLIMATIC RESEARCH CENTER



MUSKINGUM RIVER WATERSHED, OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

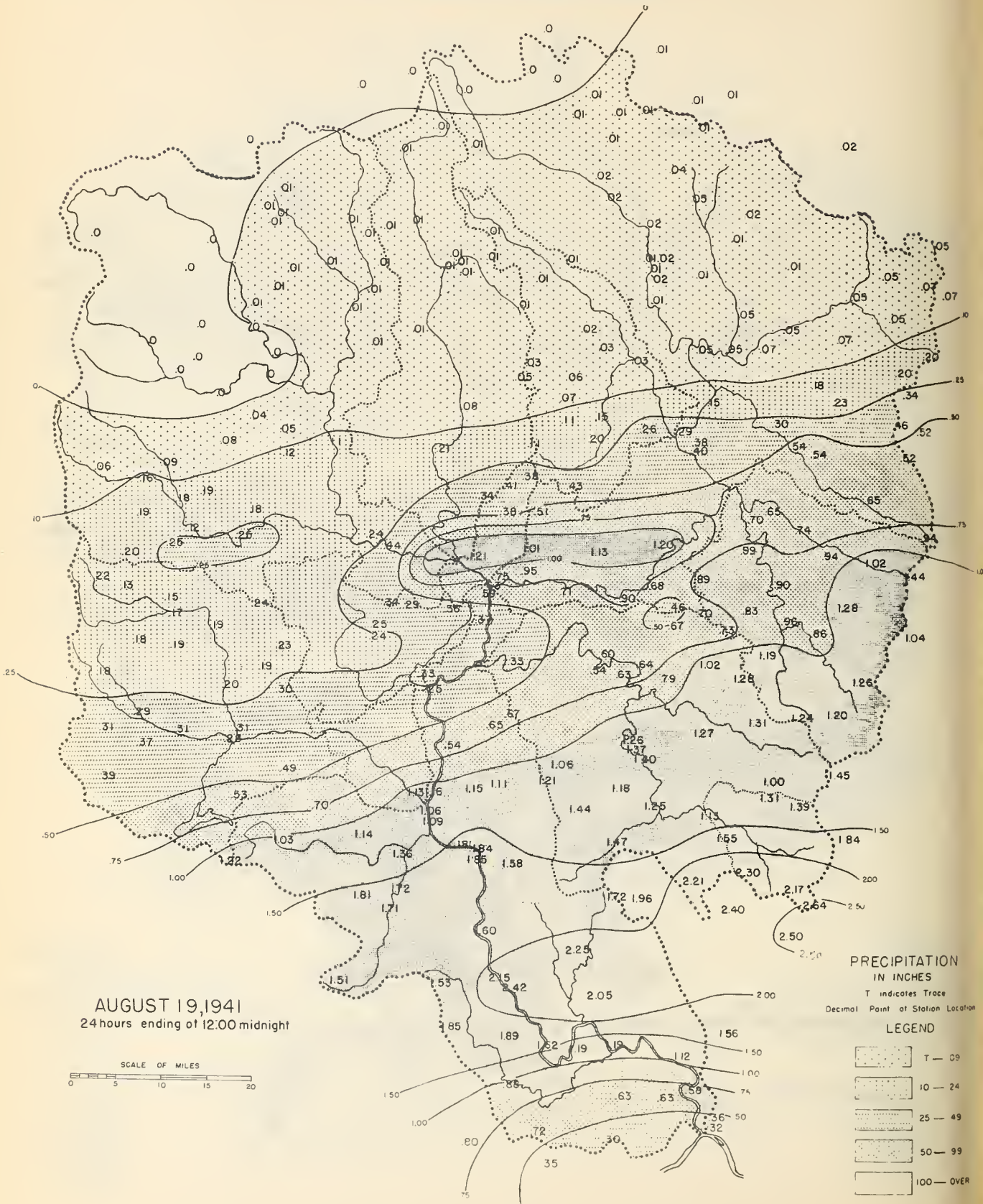
Page 11



MUSKINGUM RIVER WATERSHED, OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

Page 12



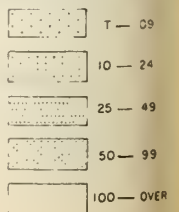
AUGUST 19, 1941
24 hours ending at 12:00 midnight

SCALE OF MILES
0 5 10 15 20

PRECIPITATION
IN INCHES

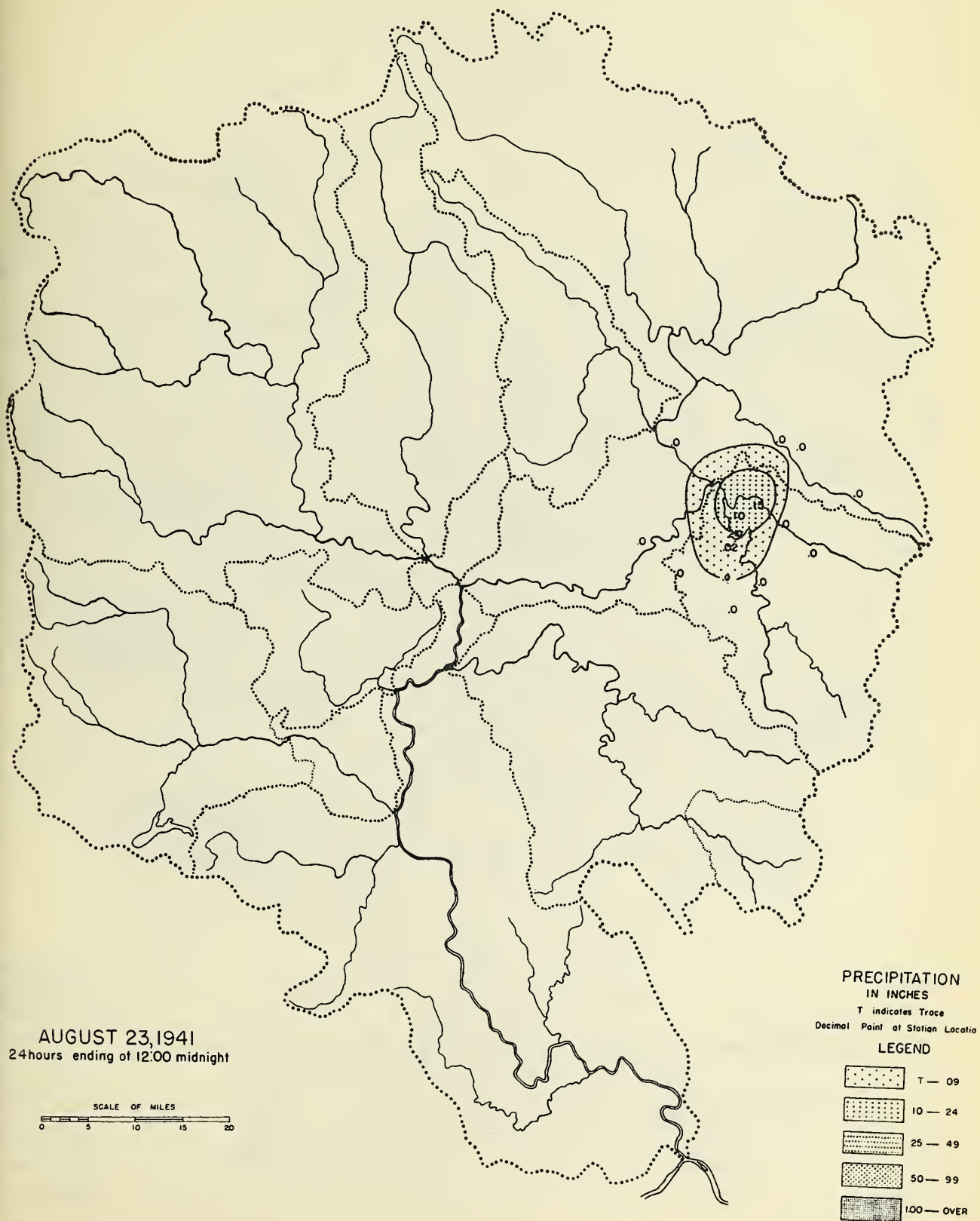
T indicates Trace
Decimal Point at Station Location

LEGEND



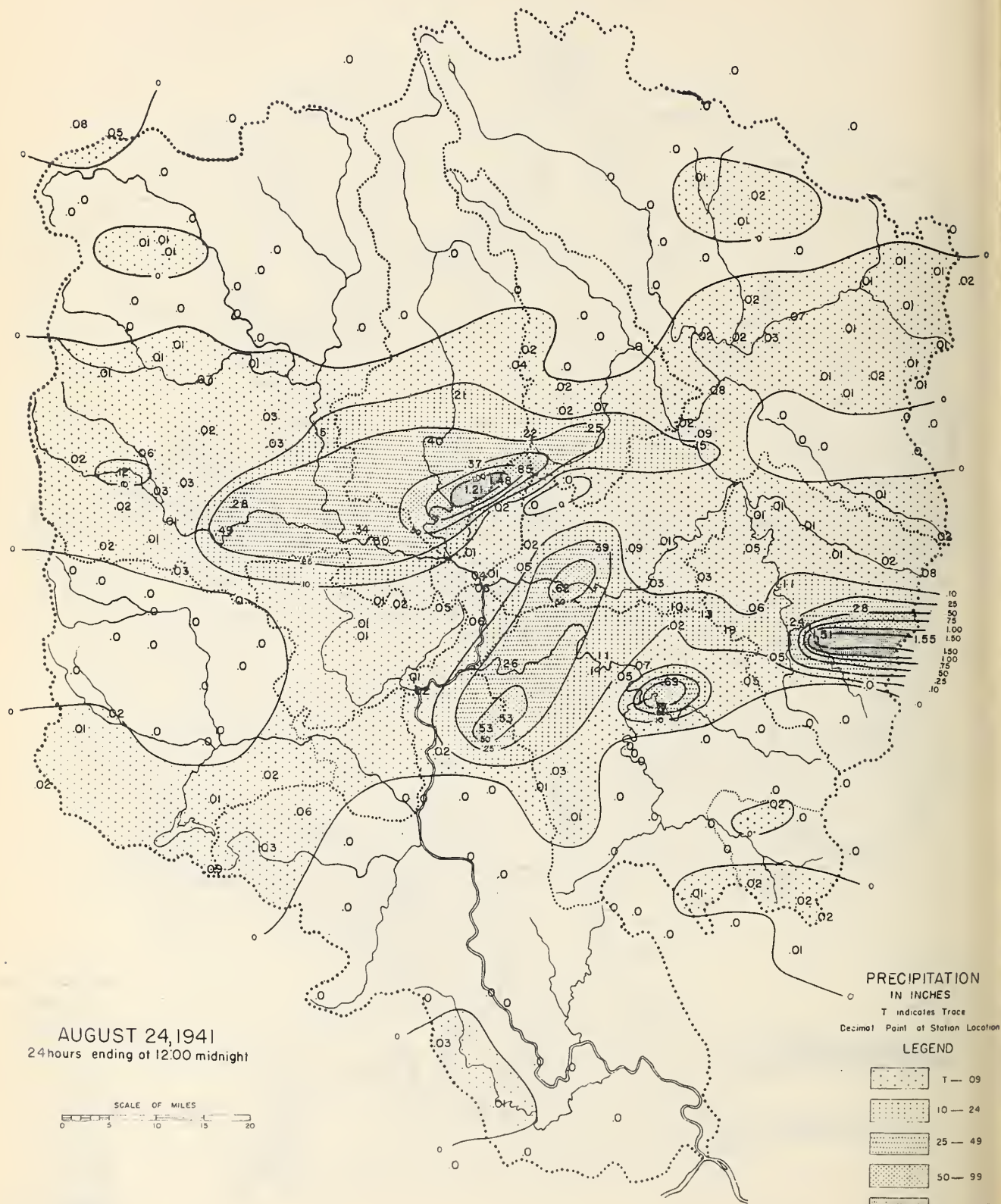
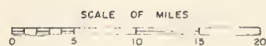
MUSKINGUM CLIMATIC RESEARCH CENTER

Page 13



Page 14

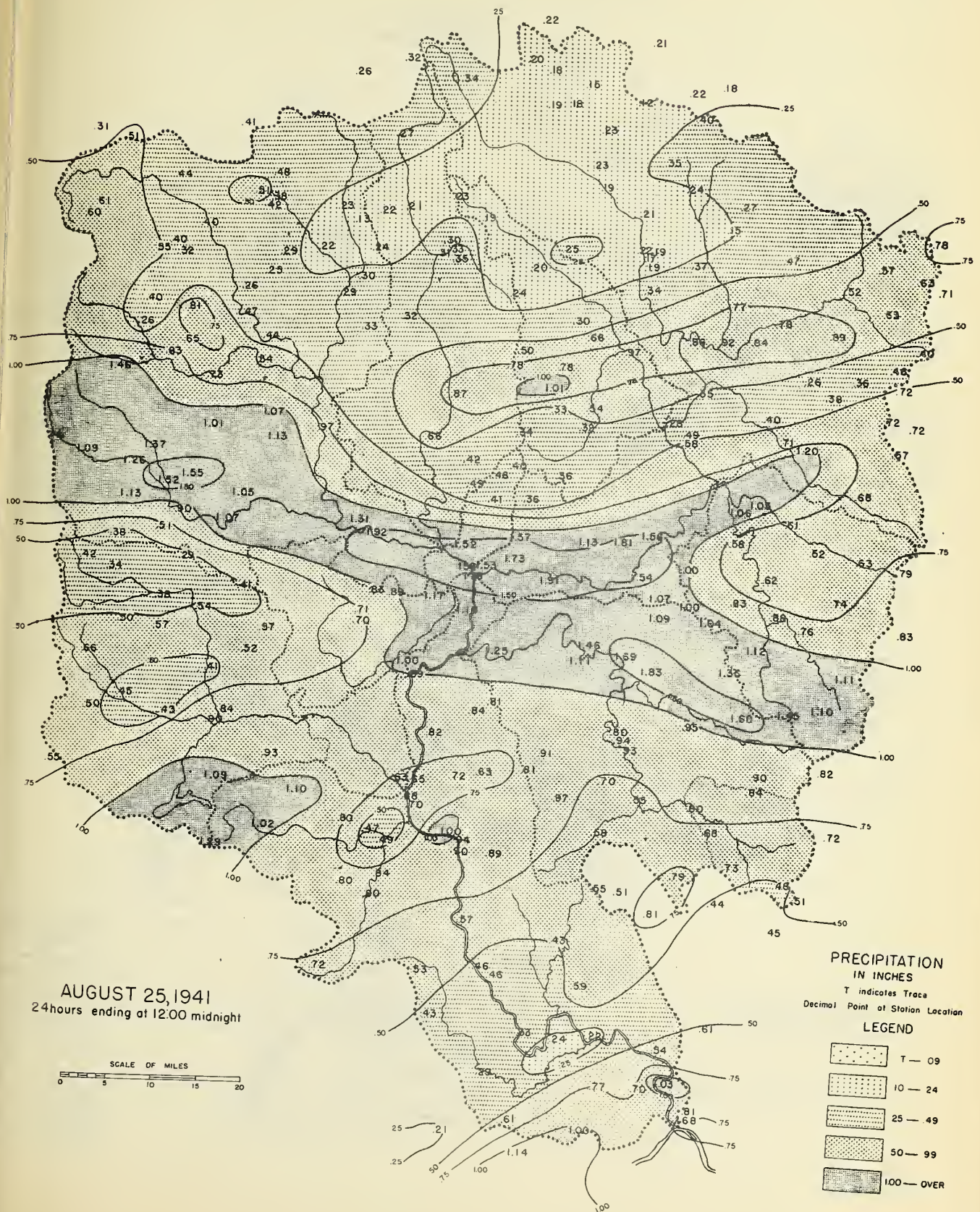
AUGUST 24, 1941
24 hours ending at 12:00 midnight



MUSKINGUM RIVER WATERSHED, OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

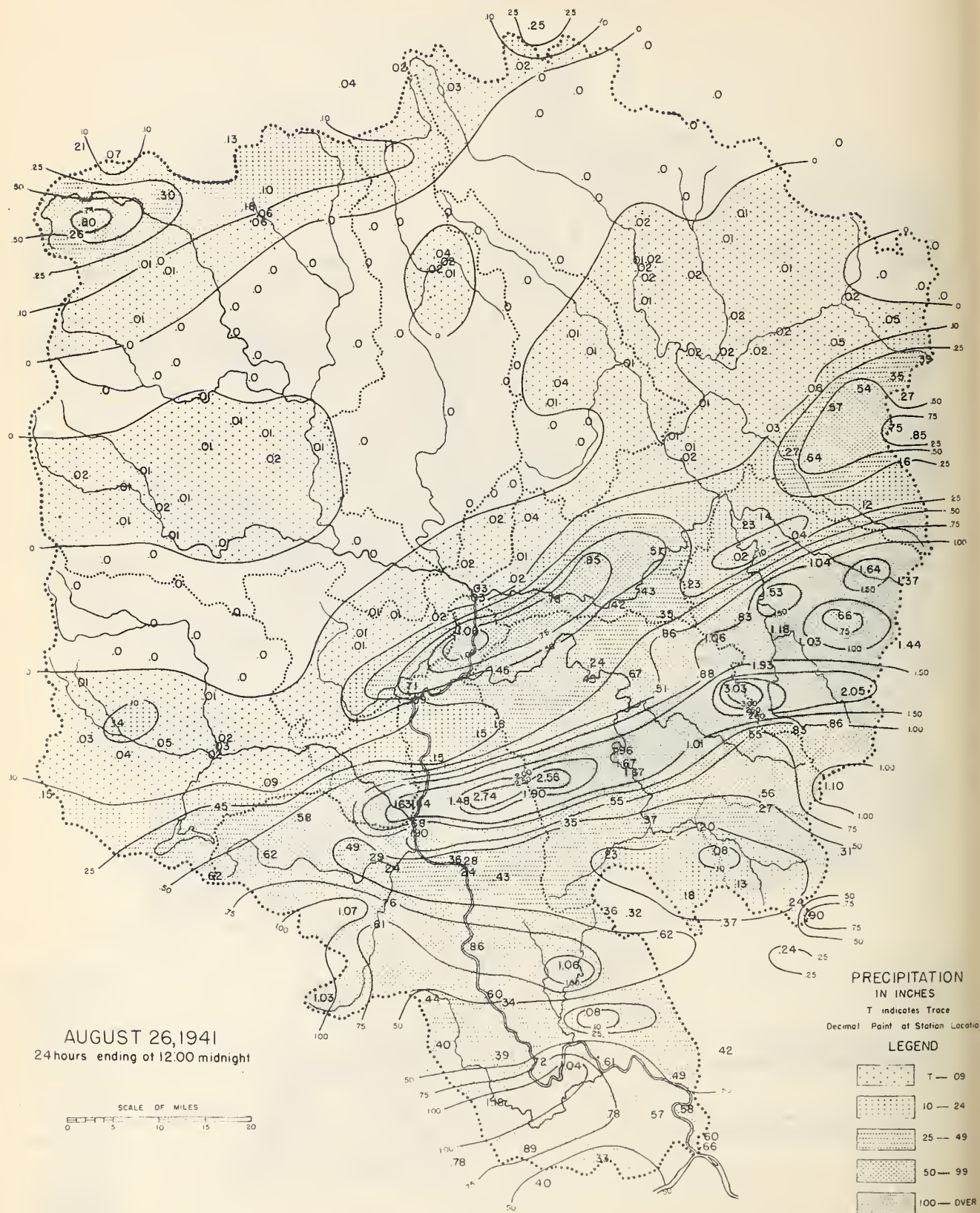
Page 15



MUSKINGUM RIVER WATERSHED, OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

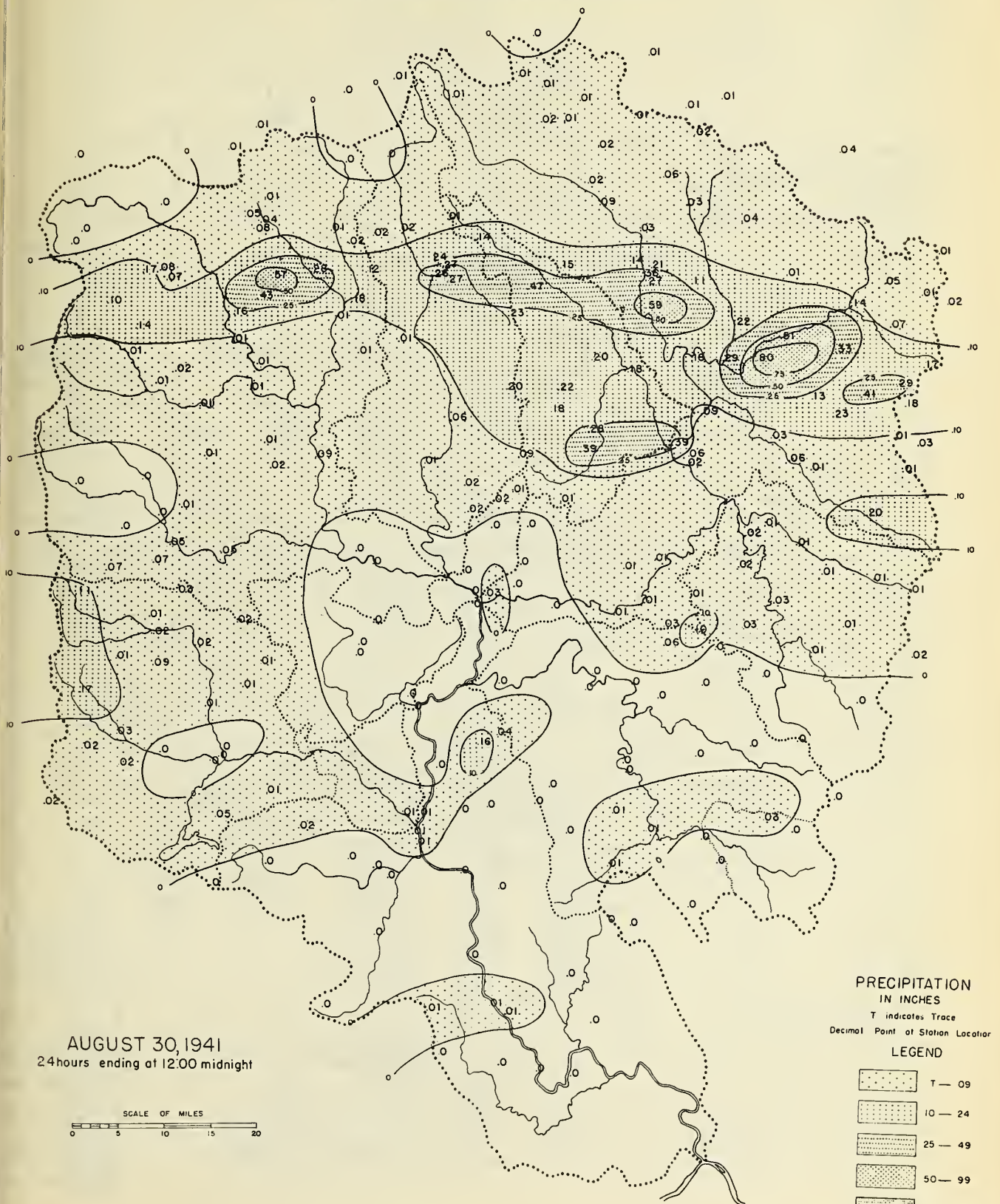
PRECIP: 10



MUSKINGUM RIVER WATERSHED, OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

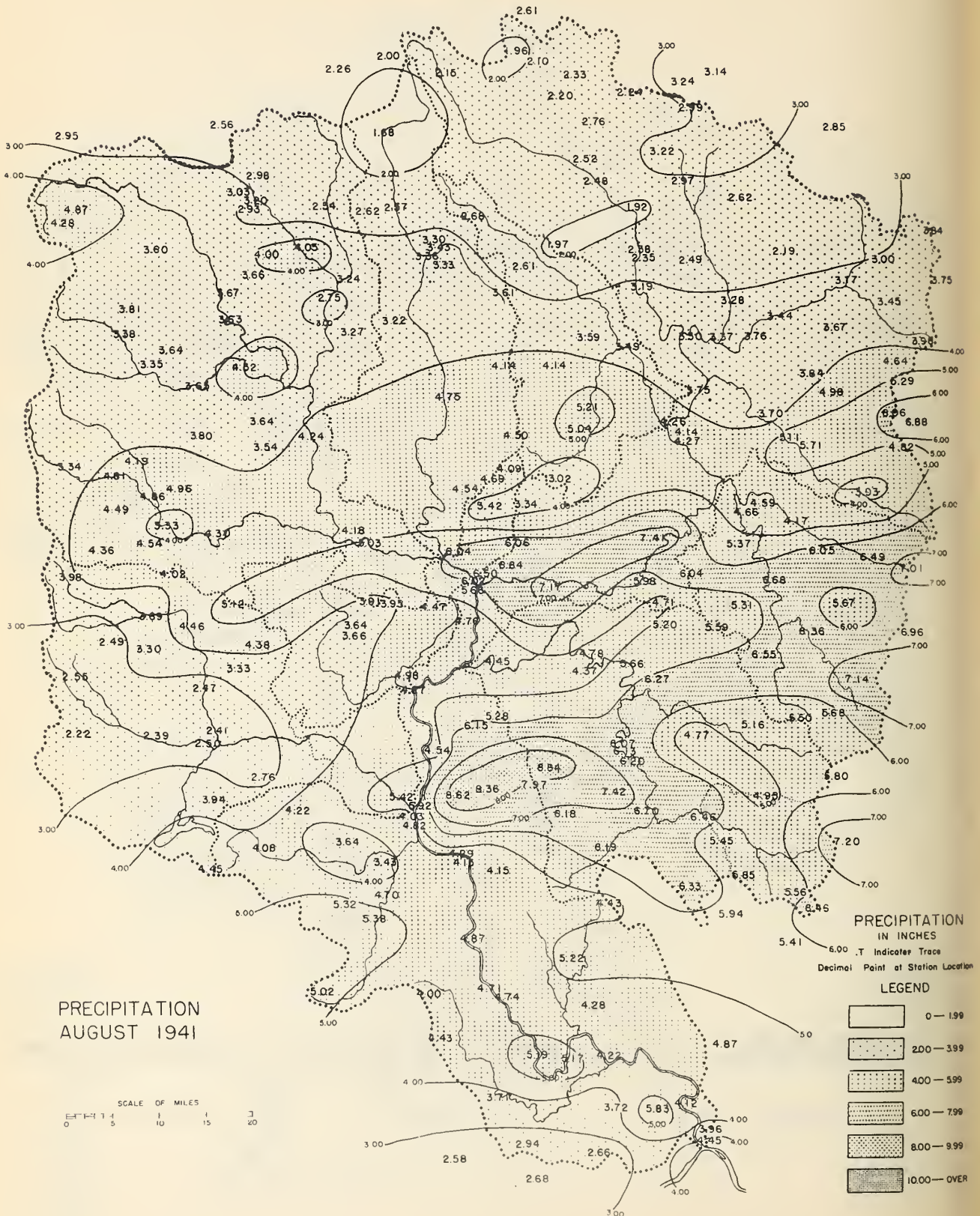
Page 17



MUSKINGUM RIVER WATERSHED, OHIO

MUSKINGUM CLIMATIC RESEARCH CENTER

Page 1A



MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for days ending at 12:00 midnight

Page 19

Sta. No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
MEDINA COUNTY NO 1																																	
1-11c											1.25	.08			.81											.22	.25				.01	2.61	
1-19											.86	.17			.70											.20	.02				.01	1.96	
1-22											.74	.24			.65			.02								.34	.03				.01	2.00	
1-24b											.85	.18			.73																.01	2.15	
1-28											.80	.15			.96																.01	2.10	
1-30											.92	.31			.71			.02								.26	.04					2.26	
1-42											.68	.27			1.04			NR	NR						NR	NR	NR	NR			NR		
1-43											.78	.23				NR		.01	.01						NR	NR	NR				NR		
1-48											.73	NR			.92			.01								.19					.02		
SUMMIT COUNTY NO 2																																	
2-8b											NR	NR			NR	NR		.01	.01							.21					.01		
2-10											.64	.16			1.35			.01	.01							.15					.01	2.33	
2-13											.76	.13			1.09			.02	.01							.19						2.20	
2-16											.73	.14			1.23												.12				.01	2.24	
2-18c											1.13	.07			1.78	.01		.01	.01							.22					.01	3.24	
2-23b											.70	.11			1.70			.05	.01							.40					.02	2.99	
2-24											.77	.14			1.55			.01	.01							NR	NR				NR		
2-26b											.94	.14			1.40			.02	.01							.23					.02	2.76	
2-29b											.52	.11			1.59			.03	.02							.23					.02	2.52	
2-32b											.72	.19			1.83			.03	.04							.35					.06	3.22	
PORTAGE COUNTY NO 3																																	
3-3b											1.01	.07			1.83	.02		.01	.01							.18					.01	3.14	
RICHLAND COUNTY NO 5																																	
5-2											1.52	.08			.75											.08	.31	.21				2.95	
5-3											1.45	.05			.54											.05	.51	.07			NR		
5-11c											NR	NR			NR	NR		NR	NR							.44	.30						
5-14c											1.92	.15			1.37			.02								.61	.80					4.87	
5-20											1.88	.22			1.31			.01								.60	.26					4.28	
5-24b											1.39	.24			1.40			.02								.40	NR				NR		
5-27b											1.67	.03			1.39			NR	NR							NR	NR	NR			NR		
5-28											NR	NR			NR			NR	NR							.01	.56	.01			.17		
5-29											1.58	.08			1.42			.02								.01	.40	.01			.08		
5-34											NR	NR			NR	NR		NR	NR							NR	NR	NR			NR		
5-35b											NR	NR			1.33											.01	.32	.01			.07		
5-41											1.69	.08			1.45	.01		.03								.40	.01				.14		
5-42											1.42	.13			1.69	.03		.08								.81					NR		
5-43b											NR	NR			NR	NR		NR	NR							NR	NR	NR			NR		
5-44											1.58	.10			1.36	.01		.10								.47					.01	3.63	
5-45f											.98	.16			1.95	.01		.02								.26					.01	3.38	
5-47											.95	.23			1.78	.01		.01								.01	.65				.02	3.64	
5-50b											.67	.14			1.48	.02		NR	NR							.01	1.46				NR		
5-51											.99	.17			1.31	.01		.02								.01	.83				.01	3.35	
5-58b											.83	.13			1.80	.01		.06								.07	.73	.01			.01	3.65	
5-59											.39	.13			1.40	.02		.06	.04							NR	NR	.01			NR		
ASHLAND COUNTY NO 6																																	
6-7											1.09	.20			.71			.01									.41	.13			.01	2.56	
6-8											.50	.26			.74			NR	NR							NR	NR	NR			.01		
6-20											.92	.13			1.28	.01		.04	.01							.01	.48	.10			.01	2.98	
6-24											.56	.22			1.48	.02		.01								.51	.18				.05	3.03	
6-25b											.54	.20			1.59	.01		.02	.01							.42	.08				.08	2.93	
6-26b											.86	.18			1.84	.02		.01	.01							.38	.06				.04	3.20	
6-32											1.01	.16			1.93			.03	.01							.29					.57	4.00	
6-35											NR	NR			NR	NR		NR	NR							NR	NR	NR			NR		
6-36											1.15	.10			1.69			.03	.01							.25					.43	3.66	
6-38c											.83	.24			2.44			.03	.01							.22					.28	4.05	
6-40											1.40	.12			1.67	.01		.04	.01							.26					.16	3.67	
6-44											.74	.26			1.38			.06	.01							.39					.01	2.75	
6-49											.90	.63			.95	NR		.05								.44					.01		
6-53											1.27	.24			2.23	.01		.01								.01	.54				.01	4.32	
6-56c											NR	NR			NR	NR		NR	NR							NR	NR	NR			NR		
MUDDY FORK AREA																																	
W-1											.54	.25			1.57			.01	.01							.22					.02	2.62	
W-8											.36	.28			1.64			.01	.01							.23					.01	2.54	
W-9											NR	NR			NR			.01	.01							.13					.02		
W-12b											NR	NR			2.07			.03	.01							.24					.12		
W-13											NR	NR			NR	NR		NR	NR														

Page 20

Page 21

Sta. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
TUSCARAWAS COUNTY NO.14 CONTINUED																																	
14-62c											.01				1.88	.01							.10	.01	1.06	.23					.02	4.66	
14-63b											.01	.34			1.97			.27	.65				.15	.01	1.03	.14					.01	4.59	
14-64											.02	.14			3.51	.01		NR	NR					.09	1.81	NR					.01		
14-66											.11	.16			3.25	.01		.59	1.20					.01	1.56	.61					.01	7.31	
14-69											.01	.31			2.68	.01		.48	.39				.02	.05	.58	.02					.02	5.47	
14-74											.02	.28			2.55	.01		.02	.88					.03	1.00	.23						.01	6.04
14-77b											.18	.13			1.11	.02		.38	.90					NR	NR	.42					.01		
14-78c											.11	.22			1.74	.02		1.20	.68					.03	1.54	.43					.01	5.98	
14-83b											NR	NR			NR	NR		NR	NR					.10	NR	NR					NR		
14-85											.09	.24			1.07	.03		1.27	.46						.10	1.07	.35				.03	4.71	
14-86c											.12	.18			1.02	.03		1.12	.70					.13	1.00	NR					.10		
14-88											.03	.26			1.37	.02		1.05	.83						.06	.83	.83				.03	5.31	

CARROLL COUNTY NO.15

HARRISON COUNTY NO. 16

LICKING COUNTY NO. 17

MUSKINGUM COUNTY NO 18

GUERNSEY COUNTY NO.19

Page 22

STATIONS INSTALLED DURING AUGUST[illegible]

Page 23

AUGUST 9, 1941

AUGUST 11, 1941

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Page 25

Sta No	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 11, 1941																									
15-10														.01	.13							.34	.11		.59
15-18														.05	.10							.29	.10		.54
15-23c														.06	.01							.17	.09		.35
15-24c														.08								.42	.10		.60
15-25														.06	.01							.40	.11		.58
15-26								.01						.12	.01							.41	.13		.68
15-30									.01					.18								.48	.08		.75
15-33														.09								.52	.07		.88
15-35										.02				.30									.03		.35
15-39										.01				.11								.50	.06		.70
15-42										.02				.33									.02		.37
15-45										.01				.45	.01							.08	.02		.57
16-5										.01				.09	.01								.01		.12
16-8														.01											.01
16-16															.01										.01
16-18															.03										.03
16-20															.11							.01	.01		.13
16-22															.01										.01
16-28															.02							.01			.03
16-31															.03							.07			.10
16-32														.01	.13								.01		.15
16-40											.01				.01								.02		.04
16-43b														.08	.01										.09
17-33																					.01				.01
17-38																					.01	.01			.02
17-43b															.02						.01	.01			.03
17-62																					.01	.01			.03
17-64																						.01			.02
17-67														.01								.01			.01
17-85b																					.02	.01			.03
17-92																						.01			.01
17-95																						.01			.01
18-27														.02											.02
18-28														.01											.01
18-36														.01	.01										.02
18-54b														.01											.01
18-55														.01											.01
18-64														.01											.01
18-71														.01							.01				.01
18-72b														.01							.01				.01
18-73b														.01								.01			.01
18-75																					.01				.01
18-76																					.01				.01
18-77																					.01				.01
18-86b														.01						.01					.01
19-4										.02												.22			.24
19-6										.01												.14			.15
19-8																						.40	.40		.50
19-9b																						.40	.24		.64
19-13																						.50			.50
19-15b																				.01		.24			.25
19-18																						.42			.42
19-19																						.38			.41
19-21																						.34			.34
19-24c																						.44			.44
19-36b									.01						.01							.64			.66
19-39b																						.03			.03
19-42d																						.13			.13
19-44b																						.03			.03
19-47																						.02			.02
19-48																				.01		.01			.02
19-63														.01						.01					.01
19-67														.01											.01
19-74															.01										.01
20-6									.01						.01								.10		.12
20-10b									.01											.01			.67		.68
20-17																			.01			.01			.02
22-29																				.01		.01			.01
23-17b																				.01					.01
23-18																					.01				.01
23-19																					.01				.01
23-25b																				.01	.01				.02
23-27																				.01	.01				.01
23-36																									.01
24-13																				.01					.01
24-18b																					.01				.01
24-27																					.01				.01
25-6															.01					.01		.01			.03
25-11															.01							.01			.02
25-14															.01							.01			.02
26-6																									.01
26-13																					.01				.01
27-3																									.01
27-5															.02					.01					.01
27-22																									.02
27-31																									.01

AUGUST 12, 1941

1-11c	.05	.01	.01																						.08
1-19	.16	.01				.01																		.17	
1-22	.21	.02							.01															.24	
1-24b	.16	.01								.01														.18	
1-28	.14	.01																						.15	
1-30	.27	.04																						.31	
1-42	.15	.12																						.27	
1-43	.13	.10																							

Sta. No.	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
6-2	.05	.02	.01																						.08
3-3	.05	.01	.01																						.05
8-14c	.10	.05																							.15
6-20	.01	.08	.13	.01					.01																.22
5-24b	.13	.08	.02	.02					.01																.24
3-27b	.02								.01																.03
5-29		.06		.02																					.08
5-55b								*1.85	.01																.08
5-41	.04	.01	.01	.02																					.08
3-42	.06	.03	.01	.02																					.13
3-44	.08	.01	.01	.02					.01																.10
5-45f	.05	.03	.01	.03																					.14
3-47	.04	.15	.01	.04					.01																.23
5-30b	.02	.07	.01	.03					.01																.14
5-51	.01	.10	.01	.04					.01																.17
3-58b	.03	.04	.01	.04					.01																.13
3-39	.07	.05		.02					.01																.15
6-7	.16	.03	.01																						.20
6-8	.20	.08																							.28
6-20	.07	.05	.01																						.13
6-24	.15	.06																							.22
6-25b	.14	.06																							.20
6-28b	.12	.05	.01																						.16
6-32	.05	.05	.04	.01						.01															.16
6-56	.04	.03	.01	.01					.01																.10
6-38c	.17	.04	.01	.01					.01																.24
6-40	.07	.02	.01	.01					.01																.12
6-44	.23	.02	.01																						.26
6-49	.59	.21	.01	.01	.01																				.83
6-53	.03	.18	.01	.02																					

Page 27

AUGUST 12, 1941

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Sta. No.	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 12, 1941																									
19-21				.02	.01							.01													.05
19-24c				.01																					.08
19-36b	.17	.03	.02		.01							.01	.02												.28
19-39b	.01																								.19
19-42d	.02	.02	.03			.15						.03													.14
19-44b	.08		.03	.01								.01	.02												.16
19-47	.01	.01			.01	.22						.01													.26
19-48					.01	.18						.01	.01												.21
19-63					.05	.05						.04	.01												.15
19-87					.06	.01																			.07
19-70					.01	.10																			.11
19-74					.01	.01																			.02
19-75					.11	.04																			.15
20-6	.04	.02	.03	.02	.01	.01																			.13
20-10b	.17	.10	.02		.02			.01	.01																.33
20-17	.14	.02	.01			.13					.01														.32
22-3c					.02																				.02
22-7								.01	.01																.02
22-17		.01						.01		.01															.03
22-18		.01							.02	.01															.04
22-24		.01						.01	.01																.05
22-29		.01																							.01
23-4						.01																			.02
23-14		.01																							.01
23-17b		.01																							.01
23-18		.01																							.01
23-19		.01																							.01
23-22		.01																							.01
23-25b		.01																							.01
23-27		.01																							.01
23-36		.01																							.01
23-41		.01																							.01
24-2	.01				.05	.10		.04	.01																.21
24-13		.03			.18	.14																			.33
24-18b		.01			.02	.04																			.07
24-23								.01		.01															.02
24-24	*	—	—	—	—	—		.03	.02	.01			—	—	—	—	—	—	—	—	—	—	—	—	.06
24-25																									.05
24-27		.01			.01	.02																			.05
25-4					.08	.25		.03	.02																.38
25-6	.01	.07	.01		.09																				.18
25-11		.01	.01		.04																				.06
25-14		.01			.01			.01		.01															.04
S-2		.01			.03	.09		.02	.01	.01															.17
S-6					.03																				.03
S-13	.01				.04	.06		.05	.01		.01														.18
27-3		.01																							.01
27-5		.01																							.01
27-7		.01																							.01
27-9		.01																							.01
27-20b				.01																					.01
27-21				.01	.01																				.02
27-22				.01	.01																				.02
27-31				.01	.01																				.01

AUGUST 15, 1941

1-11c				.12	.01		.43	.25																	.81
1-19				.01	.01		.18	.27																	.70
1-22			.01		.20	.01	.32	.09	.01	.01				.01	.22										.65
1-24b				.01	.02		.44	.12		.01				.13											.73
1-28				.01	.01		.64	.20		.01				.02	.08										.96
1-30				.09	.03		.18	.14						.27											.71
1-42				.02	.01		.53	.26		.01	.01			.03	.17										1.04
1-48				.01			.35	.39	.02		.10	.01		.03	.03	.01									.92
2-10				.14			.59	.39	.01		.20	.01		.01	.01										1.35
2-13				.02			.61	.28	.04	.03	.07	.01		.02	.01										1.09
2-16				.01			.65	.49	.02	.01	.02	.01													1.23
2-18c	*	—	—	—	—	—	—	—	—	—	—	—	—	.02	.02										1.78
2-23b					.02		1.08	.47	.01	.01	.07			.01		.01	.02								1.70
2-24				.02	.11		.80	.50	.03	.01	.03	.03				.01	.01	.01							1.55
2-26b				.01			.55	.58	.04		.01	.01				.18	.01	.01							1.40
2-29b							.44	.79	.08		.01	.20	.01	.01	.01		.01	.01							1.59
2-32b							.36	.82	.10		.05			.02	.46	.01	.01								1.83
2-3b				.01			.89	.51	.06	.01	.02	.12			.18	.03									1.83
S-2					.11		.57	.05		.01	.01														.75
S-3				.01	.01		.38	.05	.01	.01				.03	.01										.54
S-14c				.10			.62	.07	.05	.01				.46	.01		.02								1.37
S-20				.12			.77	.05	.04	.01				.28	.01	.03									1.31
S-24b							.59	.22	.03	.06					.49	.01									1.40
S-27b	*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.39
S-29				.06			.81	.09	.31	.03		.01		.03	.05		.02		.01						1.42
S-35b				.02			.76	.32	.05	.05	.01	.01		.10			.01								1.33
S-41				.04			.67	.52	.03	.03		.01		.14	.01										1.45
S-42				.06			.34	.11	.88	.10	.07	.01			.10		.01		.01						1.69
S-44				.04			.26	.76	.05	.16	.01				.01	.06		.01							1.36
S-45f								.52	.05	.21	.01				.10	.64									1.95
S-47							.20	.56	.05	.06					.23	.66									1.75
S-50b				.09			.94	.01							.36	.07	.01								1.48
S-51				.01			.14	.71	.02	.02				.01	.04	.32									

Page 29

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Page 31

Sto. No	A.M.												P.M.												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
AUGUST 15, 1941																										
23-36							.01				.01			.04	.91	.27		.01			.12					1.37
23-41							.01				.11			.10	.34	.10					.10					.61
24-2							.01	.01			.11			.01	.09						.20	.04	.08			1.19
24-13							.01			.18	.08			.06	.06					.58	.28	.10	.01			1.84
24-18b							.01	.01			.11			.08	.02	.01				1.27	.34	.29			2.14	
24-23											.02			.11	.09					.02	.02	.29			.55	
24-24																										
24-25																										
24-27													.01	.04						.28	.17		.38	.01	1.06	
25-4							.01	.01			.31			.03	.02				.91	.80	.02	.16	.27		2.54	
25-6								.01		.01	.08			.05	.05			.01	.08	.81	.08	.01	.02		1.21	
25-11								.01			.04			.07	.10			.01	.03	.65	.05	.01	.10		1.08	
25-14								.01			.09			.09	.04				.01	.61	.03	.04	.11		1.03	
S-2								.01		.01	.09			.01	.10					.90	.12	.35	.11		2.81	
S-6								.01			.12			.05	.04					1.04	.22	.05			1.54	
5-13							.02	.02		.01	.13			.01	.11				.42	.25	.05	.18	.02		1.22	
26-3		.03									.01			.04	.02	.01									.11	
27-3							.01				.05			.04	.79	.36	.01				.12				1.34	
27-5							.01							.01	.19	.41					.16				.97	
27-7														.05	.07	.53				.02	.45	.06	.01	.07	1.26	
27-9														.03	.04	.26				.02	.23	.03	.19	.17	.97	
27-18b														.01	.04		.09				.02	.11			.32	
27-20b						.01	.01	.01			.02			.05	.12					.10	.01		.02	.18	.35	
27-21						.01	.01	.01	.01					.02	.05	.17				.06		.13		.18	.65	
27-22							.02							.27	.02	.15					.05		.09		.60	
27-25b											.01			.04	.01	.01					.01				.18	
27-31		.08	.02				.02					.01		.08	.02	.03					.01	.01			.17	
27-36		.01	.03			.01						.01		.04	.01	.01					.17				.28	
27-40		.03	.02			.01	.01				.01			.14	.01	.03				.02	.01				.28	

AUGUST 16, 1941

2-18c		.01						.01																	.01
3-3b			.01						.01																.02
5-41										.01															.01
5-42								.03																	.03
5-44								.01																	.01
5-45f									.01																.01
5-47									.01																.01
5-50b										.01															.02
5-51										.01															.01
5-58b		.01																							.01
5-59		.01	.01																						.02
6-20																	.01								.01
6-24																	.01				.01				.02
6-25b																	.01								.01
6-28b																	.01				.01				.02
6-40		.01																							.01
6-49																									
6-53			.01																						.01
8-12			.01					.01	.01																.03
8-34								.01																	.01
8-36								.01																	.01
8-40									.01																.01
8-44								.02																	.02
8-45								.01																	.01
8-47b			.01																						.01
8-55b			.01																						.01
8-58b									.01																.01
8-68									.01																.01
9-11								.01	.01																.02
9-13c								.01																	.01
9-15																									.02
9-17								.01																	.01
11-5b									.01																.01
11-7b									.01																.01
11-14			.01																						.01
11-19b			.01																						.01
11-21b										.01															.01
11-27			.01																						.01
11-33									.01																.01
11-45b								.01																	.01
11-52								.01																	.01
11-53								.01																	.01
11-55b								.01																	.01
11-65			.01																						.01
11-73b			.01																						.01
11-74			.01																						.01
11-76b			.01																						.01
11-86b			.01																						.01
12-18			.01																						.01
12-25		.01	.01																						.02
12-29		.01																							.01
12-40			.01																						.01
12-70		.01	.01																						.01
13-19									.01																.02
13-40			.01																						.01
13-50		.01						.01	.01																.03
13-51			.01																						.01
13-52b																									.01
MC-2									.01																.01
MC-3			.01						.01																.01
MC-4			.01						.01				</												

[illegible]

AUGUST 18, 1941

[illegible]

Page 35

AUGUST 19, 1941

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Sta. No.	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 19, 1941																									
2-29b			.01				.01																		.02
2-32b								.01	.01	.01															.04
3-3b																									.01
5-59	.01	.01						.01		.01															.04
6-20	.01																								.01
6-24	.01																								.01
8-25b	.01																								.01
6-26b	.01																								.01
6-32		.01																							.01
6-36		.01																							.01
6-38c		.01																							.01
6-40		.01																							.01
6-44		.01																							.01
W-1		.01																							.01
W-8		.01																							.01
W-9		.01																							.01
W-12b		.01																							.01
7-3b		.01																							.01
7-5b		.01																							.01
7-21		.01																							.01
7-24c		.01																							.01
7-33		.01																							.01
7-39		.01																							.01
7-40c		.01																							.01
7-41		.01																							.01
7-42		.01																							.01
7-44		.01																							.01
7-46		.01																							.01
7-51b																								.09	.01
7-53c		.01																							.01
7-61		.01																							.01
7-63		.01				.01																			.02
7-64		.01																							.01
7-65		.01																							.01
8-12		.01																							.02
8-13b			.01					.01		.01	.01														.02
8-16		.01	.01						.01	.01	.01														.05
8-25		.01																							.02
8-27b		.01																							.01
8-28		.01	.01																						.02
8-34		.01																							.01
8-36		.01								.01															.02
8-40		.01																							.01
8-44		.01																							.01
8-45		.01									.01														.02
8-47b		.01																							.01
8-55b		.01																							.01
8-58b		.01	.01	.01		.01		.01																	.05
8-61b		.01		.01		.01																			.03
8-68		.01	.01	.02				.01																	.05
9-11		.01			.01				.01	.01															.05
9-13c		.01	.01	.02					.01																.05
9-15		.01	.01	.03	.01		.01																		.07
9-17		.01		.03	.01		.01																		.07
10-21	.01	.01	.01							.01	.01		.01												.06
MV-6b	.10	.07	.01																						.19
MV-7b	.08	.07	.01			.01					.01														.18
MV-8b	.09	.05	.01						.01																.16
11-7b	.01	.02							.01		.01														.05
11-14	.05	.01		.01																					.08
11-19b	.05	.04							.01	.01															.11
11-21b	.05	.03							.01																.09
11-27	.05	.04	.01							.01															.12
11-33	.08	.07	.02							.01	.01														.19
11-46b	.10	.03	.02							.01	.02														.18
11-50	.13	.05	.01																						.20
11-52	.14	.07	.02							.01	.01														.25
11-53	.07	.03	.01							.01															.12
11-55b	.10	.08	.04							.01	.01				.01										.25
11-66	.04	.02	.02			.02				.01															.11
11-73b	.08	.11	.02							.01															.22
11-74	.05	.04	.02				.01																		.13
11-76b	.06	.05	.01				.01		.01			.01													.16
11-86b	.06	.06	.03	.01		.04	.03			.01	.01														.24
12-18	.01	.01				.01																			.03
12-26	.01	.02	.01			.01																			.05
12-29	.01	.02	.01		.01				.01																.06
12-40	.01	.02	.02	.01					.01																.07
12-47	.01	.03	.01				.02		.01																.08
12-51	.02	.03	.02	.03					.01																.11
12-54																									
12-57	.04	.03	.08	.04	.01				.01																.21
12-61	.04	.06	.04	.01	.01				.01																.17
13-19	.25	.05	.14	.05					.01	.01															.31
13-22	.09	.06	.06			.02			.01	.01															.24
13-23	.26	.05	.11			.01			.01	.01															.44
13-32	.92	.09	.04	.03					.03			.02													1.13
13-40	.75	.06	.06			.03	.03			.02															.96
13-50	.45	.05	.04	.01		.03	.01			.01	.02	.01													.63
13-51	.43	.03	.04	.01		.02	.01			.01	.01	.01													.59
13-62b	.54	.05	.05			.04	.01		.01	.01	.02	.01			.01	.01									.75
13-64b	.49	.06	.06		.01	.01	.02																		

Page 37

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Sto. No.	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 19, 1941																									
22-17	.09	.11	.05	.19	.11	.03		.27	.01	.06	.41	.45	.02												1.81
22-18	.04	.18	.12	.03	.24	.05		.20	.02	.08	.28	.44	.05												1.72
22-24	.06	.20	.04	.08	.18	.07		.14	.01	.06	.45	.36	.05												1.71
22-29	.18	.25	.02	.01	.15	.02		.21	.08	.05	.40	.10	.02												1.51
23-4	.07	.13	.01	.03	.22	.04		.24	.17	.05	.37	.13	.09												1.80
23-14	.09	.30	.01	.04	.20	.07		.64	.27	.20	.25	.09	.02												2.25
23-17b	.18	.11	.01	.04	.25	.12		.24	.05	.13	.27	.08	.02												1.53
23-18	.20	.29	.01	.02	.21	.06		.65	.15	.14	.24	.09	.05												2.15
23-19	.09	.35	.01	.02	.24	.03		.63	.37	.17	.20	.14	.11												2.42
23-22	.27	.30	.01	.02	.18	.05		.10	.51	.33	.17	.07	.03												2.05
23-25b	.21	.15	.02	.02	.20	.22		.35	.14	.16	.27	.05	.04												1.85
23-27	.18	.35	.01	.01	.18	.03		.05	.42	.34	.18	.03	.06												1.89
23-36	.23	.14	.02	.01	.05	.02		.01	.44	.33	.22	.02	.03												1.62
23-41	.23	.09			.05	.01		.01	.09	.17	.19	.02	.02												.88
24-2	.06	.06	.03	.26	.06	.19		.10	.04	.11	.43	.03													1.39
24-13	.05	.10	.01	.18	.19	.19		.19	.05	.10	.27	.17	.03												1.55
24-18b	.07	.16	.09	.01	.18	.23		.45	.41	.06	.15	.24	.12												2.21
24-23	.06	.18	.02	.01	.25	.12		.34	.14	.05	.14	.34	.06												1.72
24-24	.06	.17	.13	.01	.13	.24		.29	.32	.06	.12	.28	.14												1.98
24-25																									
24-27	.05	.22	.10	.01	.20	.22		.59	.43	.12	.23	.13	.07												2.40
25-4	.07	.10	.15	.01	.24	.19		.37	.15	.14	.13	.24	.04												1.84
25-6	.08	.12	.17		.14	.21		.36	.46	.12	.24	.17	.07												2.17
25-11	.05	.24	.18		.20	.17		.22	.85	.11	.37	.14	.07												2.64
25-14	.15	.29	.41	.01	.07	.12		.04	.46	.18	.45	.16	.12												2.50
S-2	.06	.07	.03	.01	.13	.13		.07	.05	.03	.06	.32	.15												1.13
S-6	.05	.18	.09	.04	.34	.20		.57	.28	.11	.20	.15	.07												2.30
S-13	.09	.06	.04	.01	.21	.07		.13	.08	.03	.09	.40	.09												1.31
26-3	.05	.01		.02	.30	.01		.13	.20	.05	.02														.80
27-3	.12	.15	.01		.02	.03		.33	.23	.24	.01	.02													1.19
27-5	.18	.10	.01		.06			.03	.42	.13	.20	.02	.01												1.19
27-7	.08	.02	.01		.01	.24		.01	.08	.40	.20	.05	.01												1.12
27-9	.12	.04			.02	.35		.02	.23	.49	.23	.05	.01												1.58
27-18b	.02	.01		.01	.01	.25		.01	.02	.14	.11	.04	.01												.83
27-20b	.05	.01		.02	.09	.12		.01	.05	.19	.06	.02	.01												.63
27-21	.03	.01		.01	.05	.13		.01	.07	.17	.06	.02	.01												.68
27-22	.01			.01	.02	.02		.02	.05	.09	.10	.03	.01												.36
27-25b	.05	.01		.01	.25	.04		.01	.05	.18	.08	.03	.01												.72
27-31				.01	.01	.02		.02	.15	.06	.02	.01													.32
27-36	.01		.01		.01	.02		.01	.01	.13	.06	.02	.02												.30
27-40	.01		.01	.02	.01			.01	.03	.18	.04	.03	.01												.35

AUGUST 23, 1941

14-82c	.10																								.10
14-63b	.15																								.15
14-69	.02																								.02

AUGUST 24, 1941

5-2																									.08
6-3																									.05
5-28															.01										.01
5-29															.01										.01
5-35b															.01										.01
5-47																									.01
5-50b																									.01
5-51																									.01
5-58b																									.07
5-59																									.07
6-53																									.01
8-16																									.01
8-27b																									.01
8-28																									.02
8-58b															.01										.02
8-68															.06	.01									.01
9-13c															.01	.01									.01
9-15															.01	.01									.01
9-17															.01	.01									.02
10-21															.02	.01									.02
MV-6b																									.02
MV-7b															.02	.01									.03
MV-8b															.01										.12
11-7b																.02									.03
11-14																									.02
11-19b																.13	.01								.18
11-21b																.01	.01								.06
11-27															.01	.01									.03
11-33															.01	.01									.03
11-46b															.05	.17	.03	.01		.01					.26
11-50																.01	.01								.02
11-52																.01	.01								.01
11-53																.01	.01								.01
11-55b																.23	.23	.02	.01						.45
11-65																.01	.01								.03
12-18																.01	.01								.02
12-26																.03	.01								.04
12-40																.01	.01								.02
12-47																.17	.04								.21
12-																									

Page 39

AUGUST 25, 1941

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Page 41

Sto. No.	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 25, 1941																									
13-61	.14		.02	.25	.24	.15		.10	.01						.23	.03									1.17
13-69				.21	.25	.02		.10	.09	.01					.01	.02									.71
13-70	*														.01	.01									.70
13-75	.16	.01	.01	.33	.22	.23		.01	.02	.01					.16										1.16
13-86			.01	.51	.16	.18			.09						.17	.12	.01								1.25
MC-2				.10	.23	.01			.01	.01					.04										.40
MC-3				.12	.24	.01									.08	.01									.46
MC-4				.14	.22	.01			.01	.01					.06	.01									.46
MC-5				.13	.19	.01									.01	.01									.35
MC-6	.01			.20	.14			.01							.04	.01									.41
MC-7b			.01	.06	.25	.01									.16										.49
MC-10b	.03	.01		.16	.24	.01		.01	.08	.01	.01				.03	.88	.05								1.52
MC-13	.08			.24	.28	.04			.10						.97	.12									1.83
MC-14	.07			.26	.21	.02		.01	.08						.33	.59									1.57
14-00b		.01		.24	.18	.03			.02																.28
14-2				.24	.17			.01	.49	.06															.97
14-5				.10	.32	.02			.42	.10															.96
14-6				.02	.32	.02			.44	.12															.92
14-22		.08			.20	.10			.01	.01		.01													.40
14-23				.20	.24	.02			.06	.01															.54
14-27	*							*.33	.02																.35
14-28b	.19			.05	.18	.05			.02																.49
14-30b				.16	.13				.02		.01														.32
14-42c	.24	.01		.08	.18	.06			.01																.58
14-46b	*														.02										.36
14-62c	.01	.34		.03	.35	.19		.01	.12						.01										1.06
14-63b	.03	.35		.02	.31	.20			.11						.01										1.03
14-64	.89	.01	.01	.25	.22	.08			.06		.01				.27	.01									1.81
14-66	.82	.05	.01	.20	.22	.10			.08						.06	.02									1.56
14-69	.02			.02	.30	.20			.01		.01				.02										.58
14-74				.08	.47	.22		.01	.02						.05	.14									1.00
14-77b								.01	.08						.49	.31									*.100
14-78c		.04		.57	.19	.16		.01	.06	.01					.30	.20									1.54
14-85				.12	.35	.16			.02						.13	.29									1.07
14-86c	.01			.18	.28	.19		.01	.01	.01					.14	.16	.01								1.00
14-88	.01			.04	.32	.26		.01	.03	.01					.03	.12									.83
15-4				.19	.02			.02	.21	.07	.01														.52
15-5c	.01	.01	.03		.17	.07		.01	.31	.02															.63
15-7	.01	.01		.19	.05			.13	.45																.84
15-10		.07	.06	.23	.08			.01	.44																.89
15-18	.04	.03		.17	.10			.01	.01	.02															.40
15-23c	.01		.03	.25	.14	.07		.01																	.26
15-24c		.02	.02	.15	.10			.02	.01	.03	.01														.36
15-25		.01	.05	.22	.11			.03	.01	.03															.46
15-26		.06	.20	.20	.13			.07	.01	.02	.02						.01								.72
15-30		.05	.02	.16	.10			.03	.01	.01															.38
15-33	*																*.72								.72
15-35	.21	.01		.25	.14			.03	.02	.05															.71
15-39	.04			.23	.15			.01	.08	.20					.01										.72
15-42	.69	.01		.30	.17			.02	.01																1.20
15-45	.02	.04		.26	.17			.01	.06	.01															.57
16-5	.04	.02		.03	.32	.17																			.58
16-8				.05	.37	.16																			.51
16-16	.04			.07	.20	.18		.01	.01		.01														.52
16-18	.01			.03	.36	.21		.01	.01																.63
16-20				.29	.17			.03	.01	.01															.63
16-22	.01			.05	.23	.23		.02	.01							.07									.52
16-28	.01			.03	.59	.13		.01	.01	.01															.79
16-31	.02			.07	.41	.18		.03	.01							.16									.88
16-32				.04	.52	.13		.01	.01							.03									.74
16-40		.01		.04	.44	.11		.02	.03							.11									.76
16-43b				.05	.40	.15		.20								.03									.83
17-5	.04	.25	.08					.01																	.28
17-6b		.04	.28	.20				.01	.01																.54
17-16	*																								.50
17-17	.01	.01	.04	.31	.17			.01	.01		.01														.57
17-22		.12	.32	.01				.09	.02	.01															.57
17-33	.01	.01	.05	.23	.11			.10	.01		.01														.52
17-38	.01	.01	.08	.53	.03			.01																	.66
17-43b	.01	.01	.07	.27	.01			.02	.01		.01														.41
17-52b		.01	.12	.27	.01			.03	.01																.45
17-55			.06	.30	.46	.01		.01																	.84
17-62		.09	.35	.02				.03	.01																.50
17-66b	.01	.14	.20	.05				.01	.01		.01														.43
17-67		.06	.31	.51	.01			.01																	.90
17-82		.22	.45	.19				.05	.01	.01	.01														.93
17-85b	.03	.20	.24	.06				.01	.01	.01															.55
17-92		.22	.47	.38				.01																	1.09
17-95	.01	.01	.35	.47	.23			.01	.01	.01															1.10
18-4	.12	.01	.39	.29	.15			.03	.01																1.00
18-15	.01		.01	.39	.40	.22		.03	.03																.89
18-27		.01	.48	.29	.02			.01	.01	.01				.01											.84
18-28		.01	.42	.24	.12			.01	.01	.01															.81
18-36	.01	.01	.42	.31				.01	.01			.03	.02												

AUGUST 26, 1941

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Page 43

Sta. No.	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 26, 1941																									
11-55b																	.01								.01
12-29												.04													.04
12-40												.01													.01
13-19																		.04							.04
13-32												.24		.56	.01		.04								.85
13-40																	.02								.02
13-50												.01					.02								.03
13-51												.01					.02								.03
13-54b														.75	.01		.02								.78
13-58b																	.01								.01
13-59																	.01								.01
13-61																.01	.01								.02
13-69																.01									.01
13-70																.01									.01
13-75												.70		.33	.01	.02									1.06
13-86														.40	.04	.01									.45
MC-6																.02									.02
MC-10b																.02									.02
MC-13																.01									.01
MC-14																.01									.01
14-00b																.01									.01
14-2												.01													.01
14-5																.01	.01								.02
14-6																.01	.01								.02
14-22														.03											.03
14-27																.01									.01
14-28b																.01	.01								.01
14-42c																.01	.01								.02
14-62c														.21	.01	.02									.23
14-63b														.12	.01	.01									.14
14-66														.48		.03									.51
14-69															.01	.01									.02
14-74														.18	.02	.03									.23
14-77b														.36	.01	.05									.42
14-78c														.37	.01	.05									.43
14-85																	*.35								.35
14-88														.72	.08	.03									.83
15-4														.01											.02
15-5c														.02											.04
15-7														.01											.02
15-10														.03											.05
15-18														.37	.02										.39
15-23c														.06											.06
15-24c														.52	.01		.01								.54
15-25														.05	.29				.01		.01				.35
15-26														.24	.02				.01						.27
15-30														.55	.01				.01						.57
15-33														.59	.13				.03						.75
15-35																									
15-39														.20	.06		.01								.27
15-42														.20	.62	.02									.85
15-45														.63	.01										.64
16-5														.14	.02										.16
16-5														.11	.01										.12
16-8														.02	.02										.04
16-16														1.03		.01									1.04
16-18														.82	.77	.02	.01		.02						1.64
16-20																									
16-22														.95	.56	.01									1.53
16-28														.07	.22	.03	.05	.01							1.37
16-31														.32	.76	.07									1.18
16-32																									
16-40														.05	.58	.07									.66
16-43b														.42	.35	.24									1.03
17-38														.06	1.11	.19	.08	.02							1.44
17-43b															.01										.01
17-52b															.01										.01
17-55															.03										.03
17-56															.01	.03									.02
17-62																									.03
17-64															.04										.04
17-66b														.02	.03	.01									.05
17-67															.01	.01									.02
17-82														.04	.05										.09
17-85b														.11	.04										.15
17-92														.01	.22	.17	.05								.45
17-95															.56		.02								.58
18-4														.67	.04										.71
18-15														.05	.04										.09
18-27														.05	.06	.03									.15
18-28														.03	.06	.07	.01	.01							.18
18-36														.02	.13										.15
18-50														.15	.53	.88									.15
18-54b														.01	.61	.01									2.56
18-55														.01	.60	.01		.02							1.64
18-56															.189	.08	.01								.198
18-58d														.01	.255	.17	.01								2.74
18-60														.13	.17	.60									1.90
18-64														.01	.66	.01									.68
18-65														.01	.65	.24									.90
18-70b														.01	.26	.06		.02							.35
18-71															.49										.49
18-72b															.29										.29

AUGUST 30, 1941

Page 45

MUSKINGUM RIVER WATERSHED OHIO
Precipitation in inches for hours ending as shown in column heading

Sta. No.	A.M.												P.M.												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 30, 1941																									
17-82																				.01					.01
17-85b																									.02
17-92																				.05					.08
17-95																				.01	.01				.02
18-27																									.16
18-28																									.04
18-54b																									
18-55																				.01					.01
18-64																				.01					.01
18-65																									
19-4																				.01					.01
19-67																				.06					.06
19-74																			.01						.01
19-75																			.01						.01
23-17b																			.01						.01
23-18																									.01
23-19																				.01					.01
5-13																				.02	.01				.03